

**THE MISSION OF THE ILLINOIS
DEPARTMENT OF TRANSPORTATION
IS TO PROVIDE SAFE, COST
EFFECTIVE TRANSPORTATION FOR
ILLINOIS IN WAYS THAT ENHANCE
QUALITY OF LIFE, PROMOTE
ECONOMIC PROSPERITY AND
DEMONSTRATE RESPECT FOR
OUR ENVIRONMENT.**

Illinois Department of Transportation
Office of Operations and Communications
300 W. Adams - 2nd Floor, Chicago, IL 60606



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GRAPHICS

State of Illinois
Rod R. Blagojevich, Governor
Illinois Department of Transportation
Milton R. Sees, Secretary



PAVING THE WAY FOR A GREENER TOMORROW!

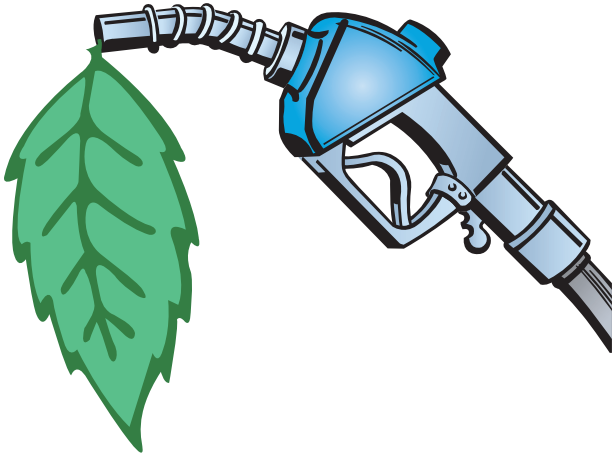
**FUEL
CONSERVATION**



**ORANGE IS
GOING GREEN!**



**Illinois Department
of Transportation**



PROPER MAINTENANCE OF YOUR VEHICLE CAN CONSERVE FUEL

- Driving a vehicle 65, consumes roughly 15% more fuel than driving 55 mph.
- A properly tuned vehicle can consume about 20% less fuel and produce fewer emissions.
- Older, poorly maintained vehicles account for 90% of all emissions.
- If your wheels are just 1/4 of inch out of alignment, this is another factor that affects rolling resistance, which can affect your gas mileage up to 2%.
- Gas mileage drops about 1% for every pound of tire pressure below the recommended level.
- Keep your tires properly inflated and check them frequently.
- You can improve your gas mileage by 1-2% by using the manufacturer's recommended grade for motor oil. For example, using 10w-30 motor oil in your engine can help give you better gas mileage.
- Check your air filter regularly as a badly clogged air filter can reduce fuel economy by 10%.

CONSERVE GAS WHILE DRIVING

- Aggressive driving (speeding, rapid acceleration and braking) wastes gas, it can lower your gas mileage by 33% at highway speeds and by 5% around town.
- Try your best to avoid fast starts and stops, accelerate smoothly, maintain even speeds and coast to stops.
- In the city, acceleration accounts for nearly 50% of a vehicle's energy.
- Review driving routes and time travel to avoid congestion and unnecessary idling.
- Try to avoid rush hour traffic. The stop and go movements and slow speeds use a lot of unnecessary gas.
- Review driving routes for shortest distance
- Limit the use of your air conditioner. Running the air conditioner in your car consumes more than a gallon of gasoline for each tank you burn.
- Using cruise control on the highway helps to maintain a constant speed on the highway, and in most cases, will save gas.
- When you use overdrive gearing, your car's engine speed goes down. Using the overdrive gear saves gas and reduces wear and tear on the engine.



ENVIRONMENTALLY FRIENDLY FACTS TO KEEP IN MIND WHEN PURCHASING A VEHICLE

- When replacing a vehicle, see if it can be downsized; 8 cylinder engine to a 4 cylinder, full size to a mid size, etc.
- When buying a car, the difference between cars getting 20 mpg or 30 mpg can save an average of \$750 per year on fuel costs and will reduce carbon emissions. Checking the mpg and engine size of a car before you purchase it can save you money in the long run.



OTHER MODES OF TRANSPORTATION

- Consider using public transit if it is available and convenient for you. It will save you time and money.
- Riding a bicycle or walking to certain destinations can save you money in gas and be healthy for you at the same time.